

TESTRAPPORT

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EVALUATION OF TESTS WITH OIL SPILL PROTECTION MATERIAL, AUTUMN -1998

Evaluation of skimmer, type: UNISEP F560S

During a number of hours, the equipment has been tested under different conditions where the conditions of use have been in focus.

The recovery principle is built on a well known technique, which has proved to work very well on oil with medium and thick viscosity. For thicker oil, even in larger quantities, the equipment is working well with a good result.

The machine is not very sensitive to smaller debris, like reed and similar objects. The equipment is, due its low volume, very easy to transport on, for example, a small trailer or a smaller boat.

Two men can easily handle this operation. We would request, however, that the total kit is equipped with two removable wheels, which would make short transportation on an even surface a lot easier. The wheels should be easy to remove and attach similar to the pontoons.

We have also looked at the sacks, to which the recovered oil shall be pumped and collected. A sack,

standing on land, can be used but the working area is then restricted to the length of the hose.

An

advantage is, however, that the filled sacks can be removed by lorries or other road transportation means. To increase the length of the hose, equipment like Alfa Laval or Sala pumps can be used, increasing the pressure

For the collection, there are also possibilities to use some kind of floating unit, connected to the recovery machine, but the final transportation of the collected oil can in such a case be more difficult. One thought has also been to apply the skimmer in front of a smaller boat.

Due to heavy weather conditions in late autumn, this could not be tested.

However, a big advantage is that the machine is very uncomplicated to drive with grips similar to the ones of a moped or a bicycle with hand brake.

It is a very advantage that the user only need a short practical education to handle the equipment during a recovery operation.

It can be assumed that the equipment is suitable to use on places where ordinary skimmers have difficulties due to shallow conditions

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